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				.S. PAT	ENT DOC	UMENTS				
Examiner	Cite		Document Number	Bushi	cation Date	Name of Patentee or	- 1	Pages, Columns, Line		
Initials*	No.	Nu	mber-Kind Code (if known)		-DD-YYYY	Applicant of Cited Docume	nt			
1	AA	US-	3,553,640	01-05	-1971	Zemanek				
	AB	UŞ-	4,382,201	05-03	-1983	Trzaskos				
	AC	US-	4,485,321	11-27	-1984	Klicker, et al.				
	AD	US-	4,523,122	06-11		Tone et al.				
	AE	US-	4,571,693	02-18		Birchak et al.				
	AF	US-	4,628,223	12-09		Takeuchi et al.				
	AG	US-	4,665,511	05-12		Rodney et al.				
	AH	US-	4,800,316	01-24		Ju-Zhen				
	Al	US-	4,890,268		-1989	Smith et al.	_) 		
 	AJ	US-	5,130,950	07-14		Orban et al.	_			
	AK	US-	RE 34,975	06-20		Orban et al.		 		
1	AL	US-	5,469,736		-1995	Moake				
—	AM	US-	5,486,695	01-23		Schultz et al.				
- A	AN AO	US-	6,213,250 B1	04-10	-2001	Wisniewski et al. Gururaja				
	-AU	US-	6,467,140 B2	10-22	-2002	Gururaja				
			FOR	EIGN P	ATENT D	OCUMENTS		- · · · · · · · · · · · · · · · · · · ·		
		1	oreign Patent Document				Pages, Columns, Lines,		1	
Examiner Initials*	Cite No.	Count	ry Code-Number-Kind Code		ation Date	Name of Patentee or Applicant of Cited Document		Vhere Relevant Passages Relevant Figures Appear	יד	
	AP	GB-2	,156,984-A	10-16-1985 R		Rodney et al.			\top	
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		<u> </u>		ــــــ						
			OTHER PRIOR ART	- NON	PATENT	LITERATURE DOCUMENTS	<u> </u>			
Examiner Initials*	Cite No.		item (book, magazine,	oumal, s	erial, sympo	RS), title of the article (when application, catalog, etc.), date, page(T¹	
	AQ	number(s), publisher, city and/or country where published McKeighen, R.E., "Design Guidelines for Medical Ultrasonic Arrays", SPIE International Symposium on Medical Imaging, Feb. 25, 1998.								
	AR	Ohm	Ohm, R.F., "The Vanderbilt Rubber Handbook, 13 th Ed.", R.T. Vanderbilt Company, Inc., Nowalk, CT,							
		1990	1990, pages 211-222.							
	AS	Mate	rials", SPIE Vol. 1733, 1992	, pages	3-26.	sducers Emerging from Inno				
	AT	Prod		Ohara	Corporation	n, 23141 Arroyo Vista, Sant	Ма	rgarita, CA, July		
	AU		uct Literature Obtained from			orks Corporation, Houghton	Park	, New York, June		
	AV		uct Literature "Dyneon Fluor	oelasto	mer FE56	3", obtained from Dyneon, D)eca	tor, Alabama, June		
-	AW Product Literature "Dyneon Fluoroelastomer FC2178", obtained from Dyneon, Decator, Alabama, June 2003. AX Product Literature "Dyneon Fluoroelastomer FC2181", obtained from Dyneon, Decator, Alabama, June							tor, Alabama, June		
								tor, Alabama, June		
	AY		nical Information "Viton®B-	50", DuF	ont Dow	lastomers, dated December	199	8, Wilmington,		
	L	T neim	are 19809.			· · · · · · · · · · · · · · · · · · ·				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/613,610						
Filing Date	07-03-2003						
First Named Inventor	Elan Yogeswaren						
Art Unit	2856						
Examiner Name	Charles Garber						
Attorney Docket Number	PAT023US						

				S. PATENT DOCU	MENTS			
xaminer nitials*	Cite No.	Document Number Number-Kind Code (if known)		Publication Date MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appea		
at	AA	US-	20020062992-A1	05-30-2002	Fredericks et al.			
10	AB	US-	20020096363-A1	07-25-2002	Evans et al.			
	AC	US-	20020113717-A1	08-22-2002	Tang et al.			
1	AD	US-	20030002388-A1	01-02-2003	Mandal			
	AE	US-	20030018433-A1	01-23-2003	Blanch et al.			
	AF	US-	20030058739-A1	03-27-2003	Hsu et al.			
	AG	US-	20030106739-A1	06-12-2003	Arian et al.			
	AH	US-	20030114987-A1	06-19-2003	Edwards et al.			
1	Al	US-	20030123326-A1	07-03-2003	Wisniewski et al.			
-	AJ	US-	20030137302-A1	07-24-2003	Clark et al.			
+	AK	US-	20030137429-A1	07-24-2003	Clark et al.			
	AL	US-	20030139884-A1	07-24-2003	Blanch et al.			
+	AM	US-	20030141872-A1	07-31-2003	Clark et al.			
	AN	US-	20030150262-A1	08-14-2003	Han et al.			
	AO	US-	20030167126-A1	09-04-2003	Home et al.			
	AP	US-	3,381,267	07-26-1966	Cubberly, Jr., et al.			
	AQ	US-	3,493,921	02-03-1970	Johns			
+	AR	US-	3,770,006	11-06-1973	Sexton et al.			
+	AS	US-	3,792,429	02-12-1974	Patton et al.			
+	AT	US-	3,867,714	02-18-1975	Patton			
- 	AU	US	4,450,540	05-22-1984	Mallett			
+	AV	US-	4,543,648	09-24-1985	Hsu			
	AW	US-	4,594,691	06-10-1986	Kimball et al.			
	AX	US-	4,649,526	03-10-1987	Winbow et al.			
	AY	US-	4,682,308	07-21-1987	Chung			
	AZ	US-	4,698,792	10-06-1987	Kurkjian et al.			
	AAA	US-	4,698,793	10-06-1987	Wu			
	AAB	US-	4,700,803	10-20-1987	Mallett et al.			
	AAC	US-	4,774,693	09-27-1988	Winbow et al.			
20 1	AAD	US-	4,832,148	05-23-1989	Becker et al.			
~~								
			FOR	REIGN PATENT DO	CUMENTS			
		Fo	oreign Patent Document		Name of Bolonton or	Pages, Columns, Lines, Where Relevant Passages		
xaminer nitials*	Cite No.			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	or Relevant Figures Appear		
~~	AAE	CA234	16546	11-22-2001	Schlumberger Canada			
	AAE		75549-A2	06-27-1990	Schlumberger Limited			
				11-28-2001	Schlumberger Limited			
	AAG			05-14-2003	Schlumberger			
Ι.	AAH			03-14-2000	Holdings Limited			
1	AAI	WOOD	72000-A1	11-30-2000	Baumoel et al.			
	7		OTHER PRIOR ART	r – non patent	LITERATURE DOCUMEN	ıts		
Examiner nitials*	Cite No.	In	ctude name of the author (in C item (book, magazine, journ number(s)	al serial symposium	itle of the article (when appro catalog, etc.), date, page(s), country where published	priate), title of the volume-issue		
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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INFORMATION DISCLOSURE STATEMENT OF APPLICANT

(use as many sheets as necessary)

Complete if Known							
Application Number	10/613,610						
Filing Date	07-03-2003						
First Named Inventor	Elan Yogeswaren						
Art Unit	2856						
Examiner Name	Charles Garber						
Attomey Docket Number	PAT023US						

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			U.S	. PATEN	IT DOCU	WENTS		<u> </u>	-		
			Document Number	1	-						
Examiner Initials*	Cite No.	Nu	umber-Kind Code (if known)		cation Date DD-YYYY	Name of Patentee of Applicant of Cited Document	" v	Pages, Columns, Lines, Where Relevant Passage or Relevant Figures Appe			
104	BA.	US-	4,855,963	08-08	3-1989	Winbow et al.					
-	88	US-	4,872,526	10-10)-1989	Wignall et al.					
	BC	US-	5,207,331	06-25	5-1991	Winbow et al.					
	BD	US-	5,036,945		5-1991	Hoyle et al.					
	BE	US-	5,077,697		1-1991	Chang					
-	BF	US-	5,109,698		5-1992	Owen					
	BG	US-	5,229,553)-1993	Lester et al.					
	вн	US-	5,265,067		3-1993	Chang					
	BI	US-	5,278,805		1-1994	Kimball					
	BJ	US-	5,331,604		9-1994	Chang et al.					
	BK	US-	5,387,767		7-1995	Aron et al.					
	BL	US-	5,510,582		3-1996	Birchak et al.					
	BM	US-	5,544,127		5-1996	Winkler					
	BN	US-	5,644,186		1-1997	Birchak et al.					
	BO BP	US-	5,661,696 5,678,643		5-1997 1-1997	Kimball et al. Robbins et al.	 				
	BQ	US-	5,726,951)-1998	Birchak et al.					
	BR	US-	5,753,812		9-1998	Aron et al.	-				
	BS	US-	5,784,333		1-1998	Tang et al.		<u></u>			
	BT	US-	5,808,963		5-1998	Esmersoy					
	BU	US-	5,831,934		3-1998	Gill et al.					
-	BV	US-	5,852,587		2-1998	Kostek et al.		· · · · · · · · · · · · · · · · · · ·			
	BW	US-	5,899,958		1-1999	Dowell et al.		······································			
	BX	US-	5,936,913		D-1999	Gill et al.					
	BY	US-	5,960,371		3-1999	Saito et al.					
	BZ	US-	6,067,275	05-23	3-2000	Sayers					
	BBA	US-	6,082,484	07-04	1-2000	Molz et al.					
	BBB	US-	6,088,294	07-1	1-2000	Leggett, III et al.					
	BBC	US-	6,102,152		5-2000	Masino et al.					
204	BBD	US-	6,147,932	11-14	1-2000	Drumheller					
			FORE		ENT DO						
		ı	FOREI Foreign Patent Document	IGN PAI	ENIDO	CUMENTS	Pag	es, Columns, Lines,	\top		
Examiner Initials*	Cite No.		Code-Number-Kind Code		lication Date D-YYYY	Name of Patentee or Applicant of Cited Document		e Relevant Passages ant Figures Appear	1		
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			OTHER PRIOR ART -	NON P	ATENT LI	TERATURE DOCUME	NTS				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number Filling Date First Named Inventor 10/613,610 07-03-2003 Elan Yogeswaren

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(use as many sheets as necessary)						Examiner Name				Charles Garber		
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Initials*	No.	Number-Kind Code (if known)				DD-YYYY		pplicant of Cited		Where Relevant		
-11	<u> </u>				ļ			Document		or Relevant Figur	es Appear	
CUS	CA	US-	6,188,647-B1			3-2001		heller				
- /-	CB	US-	6,208,585-B1	· · · · · ·		7-2001	Stroud					
	CD	US-	6,308,137-B1			3-2001		Underhill et al. Gardner et al.				
	CE	US-	6,320,820-B1 6,405,136-B1			0-2001 1-2002	Liet					
 	CF	US-	6,459,993-B1			1-2002		o et al.	-+	·		
	CG	US-	6,477,112-B1			5-2002	Tang et al.		-			
	CH	US-	6,480,118-B1	· - · · · · · · · · · · · · · · · · · ·		2-2002	Rao					
-	CI	US-	6,535,458-B2			8-2003	Meeh	nan		'		
	CJ	US-	6,543,281-B2			8-2003		tier et al.				
	СК	US-	6,568,486-B1			7-2003	Geor					
	CL	US-	6,614,716-B2			2-2003		et al.			• • • •	
	CM	US-	6,615,949-B1		09-0	9-2003	Egere	ev et al.				
	CN	US-	6,618,322-B1			9-2003	Geor					
	co	US-	6,625,541-B1	•		3-2003		oy et al.				
-	CP .	US-	6,654,688-B1			5-2003	Brie e			···		
ZANO.	-ca	US-	6,671,380-B2		12-3	0-2003	Chan	g et al.	_			
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